



DIGITAL IMAGING

XRD Imagen

HIGH-RESOLUTION DIGITAL SENSORS

High-resolution intraoral digital sensors for precise radiographic imaging. USB direct connection — no interface box required. TWAIN compatible with most imaging software.



27+
lp/mm

RESOLUTION

18
µm

PIXEL SIZE

IP68
Rating

PROTECTION

4.8
mm

THICKNESS

KEY FEATURES

High-Resolution Imaging

Fine detail capture for diagnostic accuracy. High pixel density delivers sharp, contrast-rich radiographic images for confident clinical decisions.

USB Direct Connection

No interface box required. Plug the sensor directly into your computer's USB port for a clean, simple setup with fewer points of failure.

TWAIN Compatible

Compatible with most imaging software that supports TWAIN integration. TWAIN driver included — no proprietary lock-in.

Instant Image Display

Image appears on screen in seconds after exposure. Immediate visualization accelerates diagnosis and treatment planning with no waiting.

IP68 Water & Dust Resistant

Fully sealed sensor rated IP68 for dust and water resistance. Submersible design ensures reliable performance and easy disinfection between patients.

Durable Construction

Protective silicone sleeve included. Bite wing compatible design built to withstand the demands of daily clinical use. Reinforced cable connection.

Size 1 & 2
AVAILABLE

USB
DIRECT

TWAIN
COMPATIBLE

✓ USB Direct

✓ TWAIN Compatible

✓ Dental & Veterinary



DIGITAL SENSOR

XRD Imagen



Periapical - Anterior region



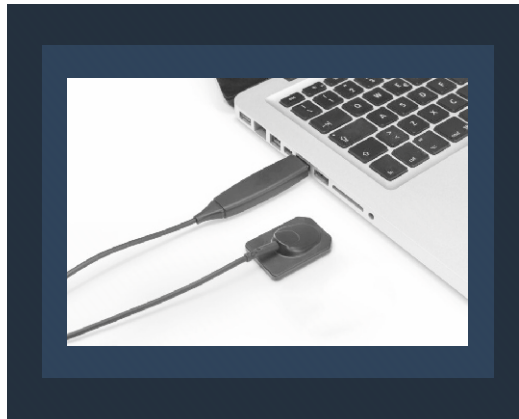
Periapical - Molar region

Technical Specifications

SPECIFICATION	SIZE 1	SIZE 2
Active Area	20 × 30 mm	26 × 36 mm
Active Pixels	1110 × 1666	1442 × 1998
Pixel Size	18 µm	
Resolution	27+ lp/mm	
Thickness	4.8 mm	
Connection	USB 2.0 Direct	
Cable Length	2.7 m	
IP Rating	IP68	
File Format	DICOM	
Driver	TWAIN included	
Power	USB supplied	
Design	Rounded corners, flat surface	
Warranty	2 years	

COMPATIBILITY

- ArchiMED Suite 5 software
- Most TWAIN-compatible software
- Windows 10 / 11
- XRD 70 Portable X-Ray



True Plug & Play
Direct USB 2.0 connection — no bulky interface box required.
Just plug into any computer and start imaging.

Why Clinicians Choose XRD Imagen

- 01 True plug & play.** Direct USB — no interface box. Just plug in and start imaging.
- 02 Ultra-thin 4.8mm.** One of the thinnest sensors on the market for maximum patient comfort.
- 03 IP68 submersible.** Safe for complete immersion during disinfection — no compromises on infection control.
- 04 TWAIN compatible.** Works with most imaging software — no proprietary lock-in.
- 05 Two sizes available.** Size 1 for pediatric/posterior, Size 2 for standard adult imaging.

INCLUDED WARRANTY

2-Year Standard Coverage

Standard **2-year warranty** included with every XRD Imagen sensor. Covers manufacturing defects and component failure under normal clinical use.



P68 — Fully Submersible
Dust-tight and water resistant. Safe for complete immersion during disinfection — no compromises on infection control.